

CLAIMS

1. A method for mixing different materials in a pouch container comprising the steps of:

storing a first material in a spout assembly fixed on the pouch
5 container;

separating a seal member from the spout assembly by operating a cap, thereby releasing the first material into the pouch container by operating a cap; and

mixing the first material with a second material in the container.
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2. The method of claim 1, wherein the first material is stored in the cap.

3. The method of claim 1, wherein the first material is stored
15 in a space between the spout assembly and the cap.

4. The method of claim 1, wherein the first material is released into the container by the rotational operation of the cap.

20 5. The method of claim 1, wherein the first material is released into the container by an elevating operation of the cap.

6. The method of one of claims 1 to 5, wherein the first material is selected from the group consisting of powder, granule, and liquid.

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7. A structure for mixing different materials in a pouch container, comprising:

a spout main body provided with a spout hole through which mixture of first and second materials is exhausted;

10 a cap removably coupled on an outer portion of the spout hole and storing the first material therein; and

a seal member coupled to a lower end of the tube portion.

8. The structure of claim 7, wherein seal member includes a
15 hook portion hooked on an operating portion formed on a lower portion of the main body, thereby being separated from the tube portion.

9. The structure of claim 8, wherein the hook portion is designed to pivot by a predetermined angle.

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10. The structure of claim 7, wherein the spout hole is

provided at an inner portion with a circumferential projection.

11. The structure of claim 7, wherein the seal member is provided with a dropping space that is opened when the tube portion
5 moves upward.

12. The structure of claim 7, wherein the first material is stored in a space between the spout hole and the tube portion and the seal member is formed of a sheet attached on lower ends of the spout
10 hole and the tube portion.

13. A structure for mixing different materials in a pouch container;

a fitting portion fitted on an opening of the pouch container;

15 a lip portion integrally connected to the fitting portion with a cutting line, the lip portion having a spout hole in which a first material is stored, the spout hole having an opened end; and

a cap connected to the lip portion with a cutting line; and

a seal member attached on lower ends of the fitting portion and
20 the lip portion.

14. The structure of claim 13, wherein the fitting portion is provided with a hook step and the lip portion is provided with a circumferential projection that is to be hooked on the hook step.

5 15. The structure of claim 13, wherein the fitting portion is formed on a cap coupled on a bottleneck.

16. The structure of claim 13, wherein the lip portion is provided at a lower portion with a hook projection by which the seal
10 member is separated.

17. A structure for mixing different materials in a pouch container, comprising:

a spout main body having a fitting portion fixed on the container
15 and a lip portion exhausting mixture of first and second materials;

a cap connected to the main body with a cutting line, the cap having a tube portion for storing the first material and being screw-coupled to the lip portion; and

a seal member coupled on a lower end of the tube portion, the
20 seal member being separated from the tube portion when the cap moves upward.

18. The structure of claim 17, wherein a spout guide member is coupled on a lower portion of the main body.

5 19. The structure of claim 17, wherein the lip portion is provided with an inner step on which a hook portion of the seal member is hooked.

20. The structure of claim 20, wherein the seal member is
10 provided with a dropping space through which the first material is released.

21. A structure for mixing different materials in a container, comprising:

15 a spout main body having a fitting portion fixed on the container and a lip portion provided with a spout hole;

a cap removably coupled to the main body, the cap having a tube portion for storing a first material;

a character fixed on the main body; and

20 a seal member coupled on a lower end of the tube portion to release the first material when the cap moves upward.

22. The structure of claim 21, wherein the spout hole is provided at an inner surface with a hook step on which a hook portion of the seal member is hooked.

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23. The structure of claim 23, wherein the seal member is formed in a plate-shape attached on a lower end of the tube portion.

24. The structure of claim 21, wherein the seal member is provided with a punching portion.

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25. The structure of claim 24, wherein a packing member is disposed between the seal member and the tube portion.

26. A structure for mixing different materials in a container, comprising:

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a spout main body having a fitting portion fixed on the container and a spout hole through which mixture of first and second materials;

a cap disposed in the spout hole and provided with a tube portion for storing the first material, the cap being provided a cap lip portion;

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a seal member attached on a lower end of the tube portion; and

an auxiliary cap screw-coupled to the cap lip portion, the auxiliary cap being provided with an operating portion for separating the seal member from the tube portion when the auxiliary cap moves downward.

5 27. The structure of claim 26, wherein a movable member is inserted in the tube portion, the movable member being screw-coupled to an operating portion of the auxiliary cap.

 28. The structure of claim 26, wherein the operating portion
10 has an inclined lower end.

 29. A structure for mixing different materials in a container, comprising:

 a spout main body having a fitting portion fixed on the container
15 and a spout hole through which mixture of first and second materials;

 a cap disposed in the spout hole and provided with a tube portion for storing the first material;

 a seal member attached on a lower end of the tube portion; and

 an operating member screw-coupled to the cap, the operating
20 member vertically moving and having a tip disposed in the tube portion to separate the seal member from the tube portion when the operating

member moves downward.

30. A structure for mixing different materials in a container, comprising:

5 a spout main body having a fitting portion fixed on the container and a spout hole through which mixture of first and second materials;

a cap disposed in the spout hole and provided with a tube portion for storing the first material;

a seal member attached on a lower end of the tube portion, the
10 seal member being provided with a wing portion for releasing the first material when the cap is separated.

31. The structure of claim 30, wherein the wing portion is coupled to a connecting portion extending from a top of the seal
15 member.

32. The structure of claim 30, wherein the wing portion is integrally formed with a connecting portion extending from a top of the seal member.

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